

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-079894

(43)Date of publication of application : 13.03.1992

(51)Int.Cl.

C12P 41/00
// (C12P 41/00
C12R 1:01)

(21)Application number : 02-191676

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(22)Date of filing : 19.07.1990

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(54) PRODUCTION OF D-ALANINE

(57)Abstract:

PURPOSE: To directly obtain in high yield the title alanine of high optical purity useful as a raw material for medicines and foods by acting specific microorganisms or a product prepared thereby on racemic propionitrile.

CONSTITUTION: The objective alanine can be obtained by acting (A) microorganisms having nitrile hydrolyzing activity belonging to Rhodococcus (e.g. FERM 1559) or a product prepared thereby on (B) racemic 2- aminopropionitrile.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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